

**Aero Design Ltd.****Work Order Control Sheet**Work Order#: **2017-23** Date Opened: **31 Jan 2017** Title: **Assembly**Aircraft OEM: Eurocopter Aircraft Model: **AS350** Product Type: **Cargo Basket** Product Model: **XL Ski** Quantity: **1****Work Order Contents**

|   | Initial or N/A |
|---|----------------|
| Work Order/Build Sheets (Procedures Provided) | DB             |
| Additional Work Sheets (Standard Practice)    | N/A            |
| Drawings (See List Below)                     | DB             |
| Parts Distribution Sheet                      | DB             |
| Sub Component Tags                            | N/A            |
| Completed Certification                       | JC             |
| Time Sheet (R&D)                              | N/A            |
| Notes   | N/A            |

**Build Sheet Contents**

|                             | Initial or N/A |
|-----------------------------|----------------|
| Tasks Initialled            | JC             |
| Dual Inspections Initialled | JC             |

**Drawing List**

| Drawing # | Rev # | Description            | Initial or N/A |
|-----------|-------|------------------------|----------------|
| 94010     | 1     | Basket Assembly        | DB             |
| 70405     | 4     | Lid Walkway Mod.       | DB             |
| 84240     | 0     | Lid Brace Installation | DB             |
| 84255     | 2     | Handle Installation    | DB             |
| 94027     | 1     | Placard                | DB             |
| 84261     | 2     | Handle Assembly        | DB             |
|           |       |                        |                |

**Traveller**

|  | Initial or N/A |
|--|----------------|
| Install walkway on lid                           | DB             |
| Install lid on basket body                       | DB             |
| Re-tap mounting lug holes and install mount lugs | DB             |
| Install handle brackets                          | DB             |
| Install handle                                   | DB             |
| Install lid prop                                 | DB             |
| Install data plate                               | DB             |

**Component Completion**

|  | As Instructed |
|--|---------------|
| Quantity Complete on This Work Order       | 1             |
| Quantity Incomplete on This Work Order     | N/A           |
| Further Processing Required Before Release | N/A           |
| Release to Stock as Components             | N/A           |

**Certification**

|   | Initial or N/A |
|---|----------------|
| Form One Completed                      | JC             |
| Serviceable (Green) Tag Completed       | N/A            |
| In Process (Yellow) Tag Completed       | N/A            |
| Unserviceable (Red) Tag Completed       | N/A            |
| Parts Placed in Stores for Distribution | N/A            |

**Additional Documentation**

|                                    | Initial or N/A |
|------------------------------------|----------------|
| Documentation of a minor change    | N/A            |
| Non-Conformance Report Required    | N/A            |
| Service Difficulty Report Required | N/A            |

**Billing**

|                          | Initial or N/A |
|--------------------------|----------------|
| Local (Aero Design)      | JC             |
| Research and Development | N/A            |
| Third Party              | N/A            |

Work performed by:

Print: D. BartfaiSign: SCA: AD07Date: 31-Jan-17

ICC / Dual Inspection performed by:

Print: J. RekveSign: SCA: AD01Date: 31-Jan-17

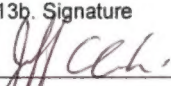
Work Order closed by:

Print: J. ClarkeSign: SCA: AD02Date: 31-Jan-17

Approved Manufacturing Facility 73-04

Form 20.D/03

Rev. Original 23 Sep 2014

|   |                                       |   |   |   |   |
|---|---------------------------------------|---|---|---|---|
| 1. Approving Civil Aviation Authority/Country<br><b>Transport Canada</b>  |                                       | 2. <b>AUTHORIZED RELEASE CERTIFICATE<br/>FORM ONE</b> |   |   | 3. Form Tracking No.<br><b>2017-0052</b>            |
| 4. Organization Name and Address<br><b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>   |                                       |   |   |   | 5. Work Order/Contract/Invoice<br><b>WO 2017-23</b> |
| 6. Item<br><b>1.</b>  | 7. Description<br><b>Cargo Basket</b> | 8. Part Number<br><b>94010-01</b>                     | 9. Qty.<br><b>1</b>   | 10. Serial/Batch No.<br><b>94001-69</b> | 11. Status/Work<br><b>New</b>                       |
| 12. Remarks<br><b>Modified with walkway on lid IAW DCL704</b>   |                                       |   |   |   |   |
| 13a. Certifies that the items identified above were manufactured in conformity to:<br><br><input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.<br><input type="checkbox"/> Non approved design data specified in block 12.   |                                       |   | 14a. <input type="checkbox"/> CAR 571.10 Maintenance Release<br><input type="checkbox"/> Other regulation specified in block 12<br>Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. |   |   |
| 13b. Signature<br>  |                                       | 13c. Approved Organization Number<br><b>AMF 73-04</b> |   | 14b. Signature                          |   |
| 13d. Name<br><b>Jeff Clarke - AD02</b>  |                                       | 13e. Date (dd/mm/yyyy)<br><b>31 Jan 2017</b>          |   | 14c. Approved Organization Number       |   |
|   |                                       |   |   | 14d. Name                               |   |
|   |                                       |   |   | 14e. Date (dd/mm/yyyy)                  |   |
| <p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p> |                                       |   |   |   |   |

**HELI PRODUCTS INDUSTRIES**

## **CARGO BASKET ASSEMBLY - COMMON**

### **General**

These instructions apply to all cargo basket assemblies. Refer to the following drawings, at the current revision, for dimensions and details:

#### **Bell 206L/407 – Right side only**

69810, Revision 3 – Standard Low Mounted Basket  
94510, Revision 0 – Extra-Wide Low Mounted Basket  
94610, Revision 0 – Extra-Wide Low Mounted Ski Basket  
76610, Revision 0 – High Mounted Ski Basket

#### **Eurocopter AS350/AS355 – left or right**

77610, Revision 1 – Short Basket  
76410, Revision 3 – Medium Basket (left or right)  
78410, Revision 2 – Long Basket  
94010, Revision 0 – Extra Large (ski) Basket

#### **Robinson R44 – left or right**

90610, Revision 0 – Standard Basket (left or right)

#### **Bell 206B – right side only**

80210, Revision 0 – Short Basket  
80310, Revision 0 – Medium Basket  
81110, Revision 0 – Long Basket

#### **Bell 429 – right or left**

95911, Revision 0 – Standard Basket

#### **Bell Medium – left or right**

75111, Revision 0 – Standard Basket  
95511, Revision 0 – Extra Large (ski) Basket

#### **MD600**

82811, Revision 0 – Standard Basket

#### **Options**

70405, Revision 3? – Lid Walkway



## CARGO BASKET ASSEMBLY - COMMON

Complete  
(initial or SCA #)

Work Order: 2017-23

Date Open: Jan 30<sup>th</sup> 2016 to Feb 2017

AD  
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### 1. Lid Assembly

- a. Install lid bumpers on bottom.
  - i. Fill bumper holes with RTV silicone sealant.
  - ii. Insert 49205-14 lid bumper, 3 or 4 places per lid.
- b. Install placard on bracket on top of lid.
  - i. Locate placard on bracket.
  - ii. Drill #30 through placard and bracket, using holes in placard.
  - iii. Remove placard and de-burr holes in placard and on bracket.
  - iv. Locate placard on bracket, and cleco in place.
  - v. Rivet placard with four CR3213-4-02 CherryMax rivets.
- c. Option: Install walkway on top of lid (lid must be fitted with walkway provisions)
  - i. Note: avoid touching surface of tread plate with bare hands to prevent smudges or marks on the top surface.
  - ii. Pull tread plate from stock. Shear tread plate to length.
  - iii. De-burr edges of tread plate with scotch-brite disc on die-grinder.
  - iv. Locate tread plate on lid. Hold tread plate in place with bags of lead shot.
  - v. Mark and drill #30 holes:
    1. 0.25" from edge of tread plate, centre on cross members (0.38")
    2. 0.25" from edge of tread plate, middle of each walkway stringer
  - vi. De-burr and counter-bore (if required to provide clearance of rivet head on checker pattern) all holes in tread plate using 1/4" piloted counter bore on both sides.
  - vii. De-burr holes in lid tubes.
  - viii. Apply bead of RTV silicone sealant along all tubes under tread plate.
  - ix. Set tread plate in place, secure with clecos if necessary.
  - x. Rivet placard with CR3213-4-02 CherryMax rivets
- d. Record PO/WO of all parts (including lid) used in steps above on attached material tracking list.

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### 2. Body Assembly

- a. Install attachment fittings
  - i. Carefully remove excess powder coat from around attachment lug threads using a countersink.
  - ii. Run 3/8-24 tap into attachment lugs to clear threads.
  - iii. Apply anti-seize compound to attachment fittings 96710-01 (alternate: Ancra 40088-14)
  - iv. Install attachment fittings with two NAS1149F0363P washers in four lugs in basket.
    1. 90610 (Robinson R44) basket only:
      - a. Install 1 fitting 906?? in lower forward attachment lug only.
      - b. Install 3 96710-01 fittings in remaining locations.
  - v. Torque to ??

## CARGO BASKET ASSEMBLY - COMMON

Complete  
(initial or SCA #)

- b. 946 Basket Only: Install Cutout Brace – *must be completed after hinge installation*
  - i. Locate 94621-01 Brace over aft cross tube cutout
  - ii. Install two AN4-6A bolts and two AN4-30A bolts with NAS1149F0463P washers.
  - iii. Torque AN4 bolts to ??
- c. Record PO/WO of all parts (including basket) used in steps above on attached material tracking list.

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### 3. Hinge Installation

- a. Prepare hinge.
  - i. Cut hinge to length:
    - 1. 776, 906 – 54"
    - 2. 751, 803 – 70"
    - 3. 698, 764, 945 – 72"
    - 4. 784 – 90"
    - 5. 940, 946, 959 – 95"
  - ii. Drill #30 pilot holes using hinge jig. For long hinges, flip at specified location on jig.
- b. Install hinge on basket
  - i. Locate hinge on basket (standard baskets)
    - 1. centre fore/aft
    - 2. 0.15" – 0.18" up from bottom edge
  - ii. Locate hinge on basket (extra wide baskets)
    - 1. centre fore/aft
    - 2. set hinge at 90 degrees (as if lid would be installed) using a small square, locate vertical side at 22.5" from outboard edge.
  - iii. Drill #30 through holes in hinge into basket rim. Cleco in place with 1/8 (copper) clecos.
  - iv. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 (black) clecos.
  - v. Remove hinge and de-burr holes in hinge and basket rim.
  - vi. Cleco hinge to basket with 5/32 clecos.
  - vii. Install hinge with CherryMax rivets
    - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
    - 2. CR3213-5-02 aluminum rivets – all other locations
- c. Install lid on basket
  - i. Locate lid on hinge (all baskets)
    - 1. center fore/aft
    - 2. 0.15" – 0.18" down from top edge
  - ii. Drill #30 through holes in hinge into lid rim. Cleco in place with 1/8 clecos.
  - iii. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 clecos.
  - iv. Remove hinge and de-burr holes in hinge and lid rim.
  - v. Cleco lid to hinge with 5/32 clecos.
  - vi. Install hinge with CherryMax rivets
    - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
    - 2. CR3213-5-02 aluminum rivets – all other locations



## CARGO BASKET ASSEMBLY - COMMON

Complete  
(initial or SCA #)

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- d. Record PO of hinge and rivets on attached material tracking list.

### 4. Install Handle

- a. Install handle brackets.
- Set 84267-01 handle bracket on provisions in hoops, 2 places.
  - Install AN3-11A bolt, NAS1149F0363P washer (2), MS21044N3 nut. Two places per bracket, two brackets per basket.
  - Torque AN3 bolts to ??.
- b. Install handle
- Trim 36278-01R and 36278-01L springs to ensure end of spring does not extend past edge of handle bracket, approximately 1/8". Set springs over bushing of 84261-01 handle assembly.
  - Grease two 36275-01 bushings with ?? . Insert into bushings of handle assembly.
  - Locate handle on basket lid. Insert AN3-12A bolt with NAS1149F0363P through bracket on lid and handle bushing on one end of handle.
  - On other end of handle, hook spring over catch rivet on handle assembly and use spring tool to twist spring to catch arm on bracket on lid while inserting AN3-12A bolt with NAS1149F0363P washer through lid bracket and handle bushing.
  - At first end, remove bolt and repeat step iv.
  - Install NAS1149F0363P washer and MS21044N3 nut on both AN3-12A bolts.
  - Torque AN3 bolts to ??.
- c. Check handle
- Operate handle to ensure handle does not bind and springs hold handle in.
  - Snap handle into brackets to ensure handle locks.

- d. Record PO/WO of all parts used in steps above on attached material tracking list.

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07

### 5. Install lid brace

- a. Locate 36280-01 lid brace on bushing in basket. Ensure brace is on forward end of basket as it will be installed on the helicopter.
- b. On lid end, insert AN970-3 washer into end of lid brace. Insert AN3-15A bolt with NAS1149F0363P washer through AN970-3 washer, lid prop, and lid bushing. Install NAS1149F0363P washer and MS21044N3 nut on bolt.
- c. On basket end, insert AN3-17A bolt with AN970-3 washer through lid prop and basket bushing. Install NAS1149F0363P washer and MS2144N3 nut on bolt.
- d. Ensure brace is seated on lip of bushings before tightening nuts.
- e. Torque AN3 bolts to ??
- f. Record PO/WO of all parts used in steps above on attached material tracking list.

## CARGO BASKET ASSEMBLY - COMMON

Complete  
(initial or SCA/#)

*OK*

### 6. Final Inspection

Dual inspection by a different person than assembled the basket.

- a. Check for general condition and correct assembly:
  - i. Bolts are tight
  - ii. Rivets are installed correctly
  - iii. Handle operates correctly
  - iv. Lid brace operates correctly
- b. Check that PO/WO numbers have been recorded.

Draft

Work Order: 201723Date Opened: Jan 31<sup>st</sup>/2017

Material Tracking Sheet  
Eurocopter AS350 / AS355  
Extra Large Basket Assembly

1 of 2

| Ass'y Step    | Qty      | Detail Drawing | Part Number   | Description                  | Material                          | PO/WO            |
|---------------|----------|----------------|---------------|------------------------------|-----------------------------------|------------------|
|               | <u>1</u> |                | 94010-01      | <b>Cargo Basket Assembly</b> | <i>S/N 94001-69</i>               |                  |
| <b>Step 1</b> |          |                |               | <i>Lid Assembly</i>          |                                   | <i>2016-848C</i> |
|               | . 1      |                | 94012-01      | Basket Lid Assembly          |                                   | <i>2016-84</i>   |
| Step 1.a.     | . . 4    |                | 49205-14      | Bumper                       | Argus Industries Bumper           |                  |
|               | . . A/R  |                | --            | Sealant                      | Commercial Silicone RTV sealant   |                  |
| Step 1.b.     | . . 1    |                | 94027-01      | Placard                      | 0.063 Sheet, 6061-T6 Aluminum     | <i>2015-03</i>   |
|               | . . 4    |                | CR3213-4-02   | Cherry Rivet                 |                                   | <i>16042</i>     |
| Step 1.c.     | . 1      |                | 70405-01      | Lid Step Modification        |                                   |                  |
| (option)      | . . 1    |                | 70405-04      | Tread Plate                  | 3003 Aluminum Tread Plate, 0.063" | <i>17011</i>     |
|               | . . A/R  |                | CR3213-4-02   | Cherry Rivet                 |                                   | <i>16042</i>     |
|               | . . A/R  |                | --            | Sealant                      | Commercial Silicone RTV sealant   |                  |
| <b>Step 2</b> |          |                |               | <i>Basket Assembly</i>       |                                   | <i>2016-848C</i> |
| Step 2.a.     | . 1      |                | 94011-01      | Basket Body Assembly         |                                   | <i>2016-84</i>   |
|               | . . 4    |                | 96710-01      | Fitting                      | Alternate: Ancra 40088-14         |                  |
|               | . . 8    |                | AN960-616     | Washer                       |                                   |                  |
| <b>Step 3</b> |          |                |               | <i>Hinge Installation</i>    |                                   |                  |
|               | . 1      |                | MS20001P4     | Piano Hinge                  | 95"                               | <i>16030</i>     |
|               | . 8      |                | CR3523-5-02   | Cherry Rivet                 |                                   | <i>16005</i>     |
|               | . A/R    |                | CR3213-5-02   | Cherry Rivet                 |                                   | <i>16042</i>     |
| <b>Step 4</b> | . 1      |                | 84255-01      | <i>Handle Installation</i>   |                                   |                  |
| Step 4.a.     | . . 2    |                | 84267-01      | Bracket                      | Delrin, 3/4" Sheet                | <i>2016-37</i>   |
|               | . . 4    |                | AN3-11A       | Bolt                         |                                   |                  |
|               | . . 8    |                | NAS1149F0363P | Washer                       |                                   |                  |
|               | . . 4    |                | MS21044N3     | Nut                          |                                   |                  |



Work Order: \_\_\_\_\_

Date Opened: \_\_\_\_\_

Material Tracking Sheet  
Eurocopter AS350 / AS355  
Extra Large Basket Assembly

2 of 2

| Ass'y Step | Qty  | Detail Drawing | Part Number   | Description              | Material                            | PO/WO                   |
|------------|------|----------------|---------------|--------------------------|-------------------------------------|-------------------------|
| Step 4.b.  | .. 1 |                | 84261-01      | Handle Assembly          |                                     | 2017-17                 |
|            | .. 2 |                | 36278-01      | Spring (1 left, 1 right) | 304 Stainless, 1/16" Dia Music Wire |                         |
|            | .. 2 |                | 36275-01      | Bushing                  | Brass, 5/16" Dia                    |                         |
|            | .. 2 |                | AN3-12A       | Bolt                     |                                     |                         |
|            | .. 4 |                | NAS1149F0363P | Washer                   |                                     |                         |
|            | .. 2 |                | MS21044N3     | Nut                      |                                     |                         |
|            |      |                |               |                          |                                     |                         |
| Step 5     |      |                |               | Lid Brace Installation   |                                     | <del>2016-145</del> JC. |
|            | . 1  |                | 36280-01      | Brace Assembly           |                                     | 2016-145                |
|            | . 1  |                | AN3-15A       | Bolt                     |                                     |                         |
|            | . 1  |                | AN3-17A       | Bolt                     |                                     |                         |
|            | . 2  |                | AN970-3       | Washer                   |                                     |                         |
|            | . 3  |                | NAS1149F0363P | Washer                   |                                     |                         |
|            | . 2  |                | MS21044N3     | Nut                      |                                     |                         |
|            |      |                |               |                          |                                     |                         |
| Step 6     |      |                |               | Inspection               | None                                |                         |



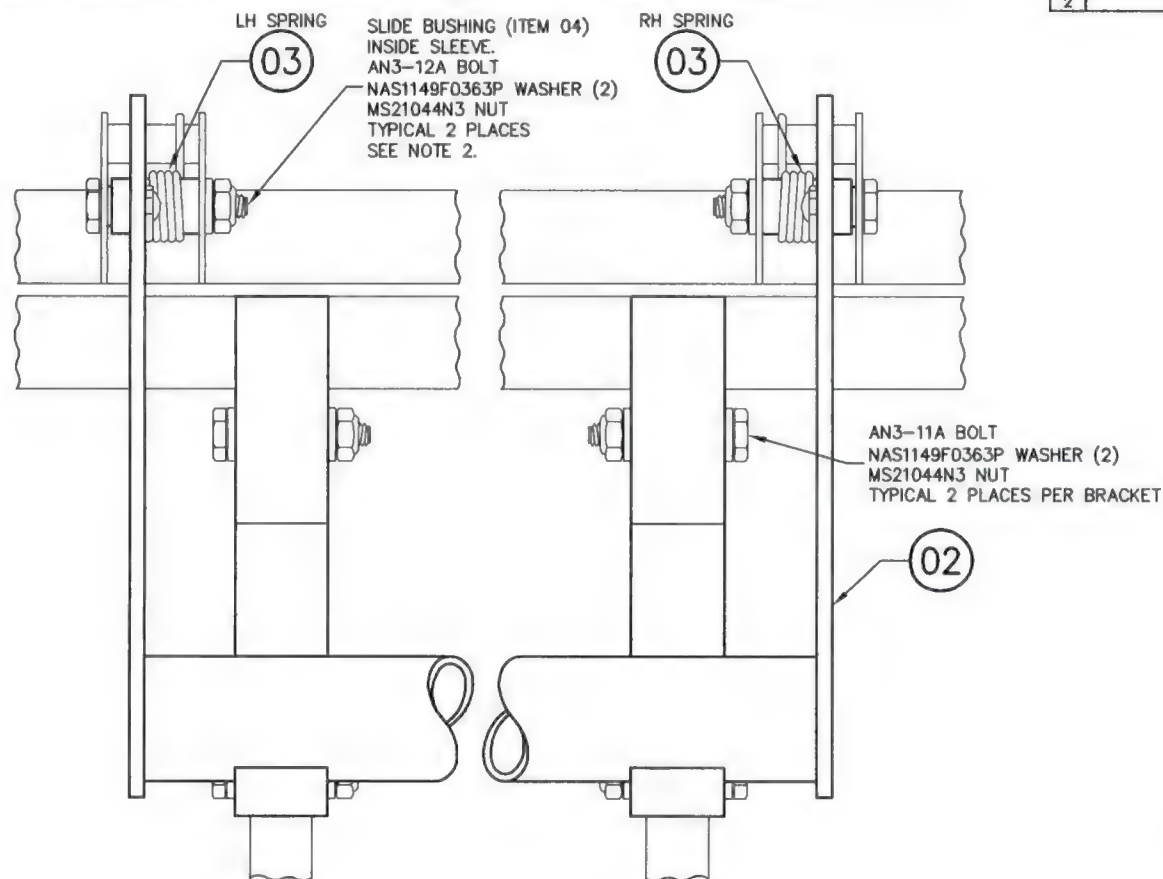
WO#

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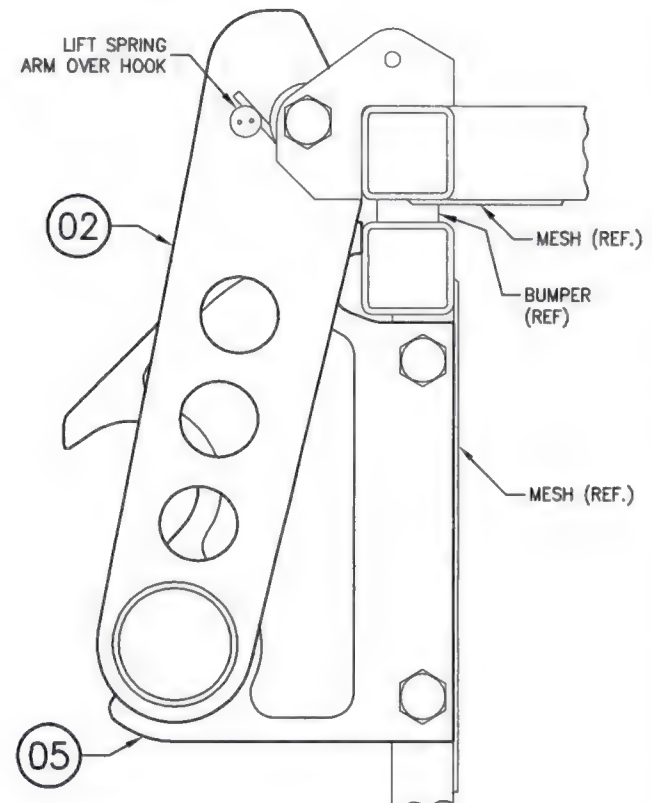
Rev. Original 27 May 2013

NOTES:

1. THIS DRAWING IS AN ALTERNATE CONFIGURATION FOR THE HANDLE INSTALLATION SHOWN ON DRAWING 36255.
2. GREASE BUSHING (ITEM 04) USING MOBILGREASE 28 OR EQUIVALENT PRIOR TO INSTALLATION.



(01) HANDLE INSTALLATION



| REV. | DESCRIPTION OF CHANGE                             | INITIALS | DATE       |
|------|---|----------|------------|
| 0    | INITIAL ISSUE - CREATED FROM 36255                | BJC      | NOV 03/09  |
| 1    | HANDLE END BRACKETS FLIPPED                       | BJC      | SEPT 19/11 |
| 2    | TITLE BLOCK UPDATED; ADD NOTE 2; HARDWARE UPDATED | BJC      | MAR 13/14  |

|      |                   |      |                     |                |
|------|-------------------|------|---------------------|----------------|
| A/R  | MOBILGREASE 28    |      | GREASE              | MIL-PRF-81322F |
| 4    | AN3-11A           |      | BOLT                |                |
| 2    | AN3-12A           |      | BOLT                |                |
| 10   | NAS1149F0363P     |      | WASHER              |                |
| 6    | MS21044N3         |      | NUT                 |                |
| 2    | 84267-01          | 05   | BRACKET             |                |
| 2    | 36275-01          | 04   | BUSHING             |                |
| 2    | 36278-01          | 03   | SPRING (1 LH, 1 RH) |                |
| 1    | 84261-01          | 02   | HANDLE BAR ASSEMBLY |                |
|      | 84255-01          | 01   | HANDLE INSTALLATION |                |
| 01   | PART NO.          | ITEM | DESCRIPTION         | MATERIAL       |
| QTY. | LIST OF MATERIALS |      |                     |                |

| APPROVALS           | DATE        |
|---------------------|-------------|
| DRAWN: JEFF CLARKE  | 03 NOV 2009 |
| CHECKED: E. BURGOIN |             |

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ON:  
DECIMALS ANGLES  
X.XXX  $\pm 0.010$   $\pm 1/2^\circ$   
X.XX  $\pm 0.03$   
X.X  $\pm 0.1$



**AERO DESIGN LTD.**

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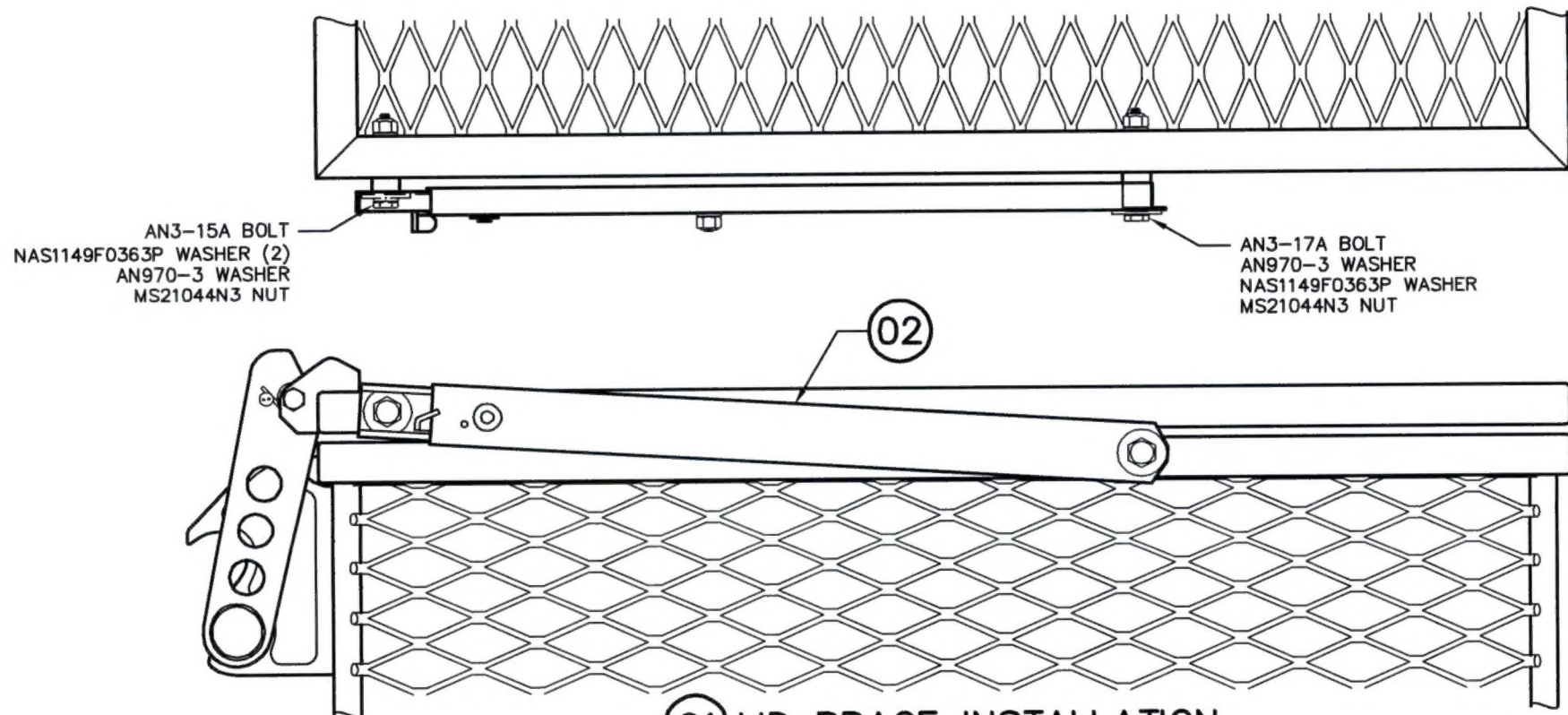
HELICOPTER CARGO BASKET  
HANDLE BAR INSTALLATION

| SCALE 1 : 1  | DWG. SIZE | DWG. NO. | REV. |
|--------------|-----------|----------|------|
| SHEET 1 OF 1 | A3        | 84255    | 2    |



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| REV. | DESCRIPTION OF CHANGE | INITIALS | DATE |
|------|-----------------------|----------|------|
| 0    | INITIAL ISSUE         | *        | *    |



## 01 LID BRACE INSTALLATION

### NOTES

- THIS DRAWING APPLIES TO ALL AERO DESIGN LTD. CARGO BASKET ASSEMBLIES.  
LID PROP IS TO BE INSTALLED ON THE FORWARD END OF THE BASKET AS INSTALLED ON THE HELICOPTER.

|      |                   |      |                        |
|------|-------------------|------|------------------------|
| 2    | MS21044N3         |      | NUT                    |
| 3    | NAS1149F0363P     |      | WASHER                 |
| 2    | AN970-3           |      | WASHER                 |
| 1    | AN3-17A           |      | BOLT                   |
| 1    | AN3-15A           |      | BOLT                   |
| 1    | 36280-01          | 02   | LID BRACE ASSEMBLY     |
|      | 84240-01          | 01   | LID BRACE INSTALLATION |
| 01   | PART NO.          | ITEM | DESCRIPTION            |
| QTY. | LIST OF MATERIALS |      |                        |

| APPROVALS   | DATE        |
|---|-------------|
| DRAWN: JEFF CLARKE  | 21 MAY 2014 |
| CHECKED: JASON REKVE  | 21 MAY 2014 |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES.<br>TOLERANCES ON: |             |
| DECIMALS  | ANGLES      |
| X.XXX ±0.010  | ±1/2°       |
| X.XX ±0.03  |             |
| X.X ±0.1  |             |



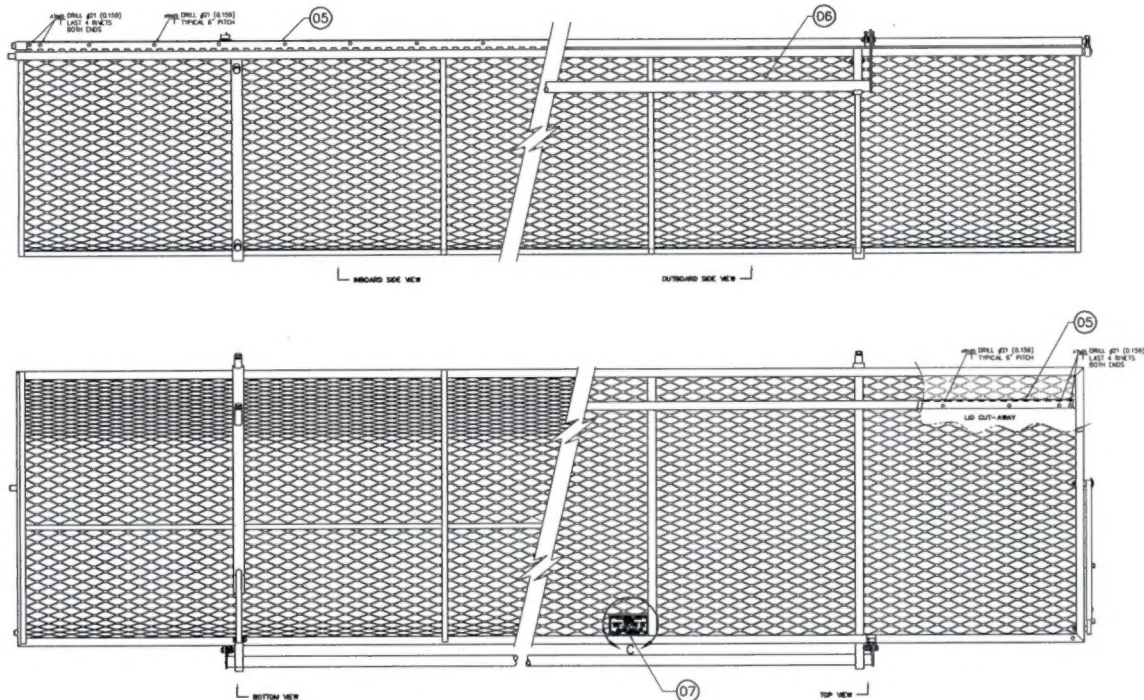
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POWELL RIVER, BC, CANADA, V8A 0G3  
TEL: 604.483.2376 www.aerodesign.ca

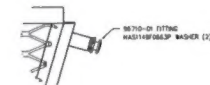
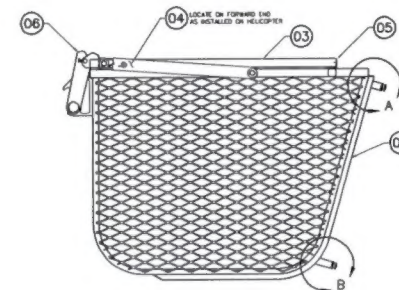
**HELICOPTER CARGO BASKET  
ALL MODELS  
LID BRACE INSTALLATION**

| NOT TO SCALE | DWG. SIZE | DWG. NO. | REV. |
|--------------|-----------|----------|------|
| SHEET 1 OF 1 | A4        | 84240    | 0    |

| THE DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AEC SYSTEMS LTD. THE DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED OR SUPPLEMENTED IN ANY MANNER, OR FOR ANY PURPOSE, WITHOUT THE WRITTEN CONSENT OF AEC SYSTEMS LTD. IN THE EVENT OF ANY BREACH OF THIS AGREEMENT, THE REPRODUCED MATERIALS TO AEC SYSTEMS LTD. WILL BE FORWARDED TO THE LAW, OR OTHERWISE, IF THE DRAWING OR THE INFORMATION CONTAINED THEREIN IS USED IN ANY MANNER, OR FOR ANY PURPOSE, WITHOUT THE WRITTEN CONSENT OF AEC SYSTEMS LTD. |   |          |            |
|--|---|----------|------------|
| REV  | DESCRIPTION OF CHANGE   | INITIALS | DATE       |
| 0  | INITIAL ISSUE   |          |            |
| 1  | UPDATE TITLE BLOCK, ADD ALTERNATE FINISHS, HARDWARE PLANS UPDATED.<br>CHANGE BRACE ASSEMBLY TO INSTALLATION | AC       | 10/07/2004 |

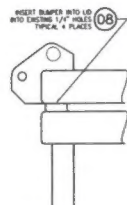


94010-01 CARGO BASKET ASSEMBLY - RH



DETAIL A  
SCALE 1 : 2  
TYPICAL FRONT AND REAR

DETAIL B  
SCALE 1 : 2  
TYPICAL FRONT AND REAR



BUMPER INSTALLATION  
SCALE 1 : 1



DETAIL C  
SCALE 1 : 1  
LOOKING AT PLACARD BRACKET

NOTE:  
1. ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. DIMENSIONS OF COMPONENTS AND COMPLETE ASSEMBLY ARE DETERMINED IN PREVIOUS STEPS.

| PART NO. | ITEM     | DESCRIPTION           | MATERIAL | MATERIAL SPEC. | STOCK SIZE |
|----------|----------|-----------------------|----------|----------------|------------|
| 01       | 94010-01 | CARGO BASKET ASSEMBLY |          |                |            |

| BASIC CODE              | SHOW NO. FOR DIMENSIONS | APPROVALS   | DATE        |
|-------------------------|-------------------------|---|-------------|
| REF. N/A. SEE           | SHOWN HEAD AND SIDE     | DESIGNED BY: B. BATHWELL                              | 20 OCT 2001 |
| CHECKED BY: B. BATHWELL | DRAWN BY: B. BATHWELL   | DESIGNED BY: B. BATHWELL                              | 20 OCT 2001 |
| DATE: 20 OCT 2001       | SCALE: 1 : 2            | UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. |             |
|                         |                         | DECIMALS  | ANGLES      |
|                         |                         | XXX ± 0.010   | 21/2°       |
|                         |                         | XX ± 0.005  |             |
|                         |                         | X ± 0.001   |             |

|   |           |          |      |
|---|-----------|----------|------|
|  <div> <p><b>AERO DESIGN LTD.</b></p> <p>9888A MALAPPRUA ROAD<br/> POWELL RIVER, BC, CANADA, V8A 6G3<br/> TEL: 604-485-2376      <a href="http://www.aerodesign.ca">www.aerodesign.ca</a></p> </div> |           |          |      |
| <p><b>EUROCOPTER AS350 &amp; AS355 SERIES</b><br/> <b>QUICK RELEASE CARGO BASKET</b><br/> <b>BASKET ASSEMBLY (EXTRA LARGE)</b></p>  |           |          |      |
| SCALE 1 : 4   | FIG. SIZE | FIG. NO. | REV. |
| SHEET 1 OF 1  | A0        | 94010    | 1    |

**AERO DESIGN LTD.**  
P.O. BOX 1000, 1000 BAYVIEW AVE, SCARBOROUGH, ONTARIO M1S 5B5  
EUROCOPTER AS350 & AS355 SERIES  
QUICK RELEASE CARGO BASKET  
BASKET ASSEMBLY (EXTRA LARGE)



| REV. | DESCRIPTION OF CHANGE  | INITIALS | DATE       |
|------|--|----------|------------|
| 0    | INITIAL ISSUE  |          |            |
| 1    | UPDATE TITLE BLOCK; UPDATE ADDRESS AND LOGO; MAT'L THICKNESS CHANGED | BJC      | 10/07/2014 |

# NOTES

- ENGRAVE 0.007 DEEP AS FOLLOWS:  
"QUICK RELEASE BASKET" - 0.125 HIGH  
"EUROCOPTER AS350 & AS355 SERIES" - 0.080 HIGH  
"S/N 94001-XX" - 0.080 HIGH  
"MAXIMUM PERMISSIBLE LOAD" - 0.125 HIGH  
"300 LBS/136 KG" - 0.200 HIGH  
"AERO DESIGN LTD." - 0.125 HIGH  
"POWELL RIVER, BC, CANADA" - 0.080 HIGH  
"www.aerodesign.ca" - 0.080 HIGH


DRILL #30 (0.129)  
4 PLACES



01 PLACARD

| 94027-01 | 01   | PLACARD     | 6061-T6 ALUMINUM | QQ-A-250/11   | 0.050 SHEET |
|----------|------|-------------|------------------|---------------|-------------|
| PART NO. | ITEM | DESCRIPTION | MATERIAL         | MATERIAL SPEC | STOCK SIZE  |

## LIST OF MATERIALS

|   |                     |  |             |              |   |  |                                     |           |  |          |  |
|---|---------------------|--|-------------|--------------|---|--|-------------------------------------|-----------|--|----------|--|
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|   | DRAWN: R. RATHWELL  |  | OCT 3, 2011 |              |   | 9888A MALASPINA ROAD   |                                     |           |  |          |  |
|   | CHECKED: E. BURGOIN |  |             |              |   | POWELL RIVER, BC, CANADA, V8A 0G3  |                                     |           |  |          |  |
|   |                     |  |             |              |   |  | TEL: 604.483.2376 www.aerodesign.ca |           |  |          |  |
|   |                     | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES.<br>TOLERANCES ON:<br>DECIMALS ANGLES<br>X.XXX ±0.010 ±1/2°<br>X.XX ±0.03<br>X.X ±0.1 |             |              |   | EUROCOPTER AS350 & AS355 SERIES<br>QUICK RELEASE CARGO BASKET<br>PLACARD |                                     |           |  |          |  |
|   |                     |  |             |              |   | SCALE 1 : 1  |                                     | DWG. SIZE |  | DWG. NO. |  |
|   |                     |  |             | SHEET 1 OF 1 |   | A4   |                                     | 94027     |  | 1        |  |





## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

Tread Plate

Aircraft:

All

Model: N/A

Description:

Lid Walkway Checker Plate

Supplier:

Daigle Marine

Color:

Aluminum

WO#:

N/A

PO# 17011